

Haklar, James

From: LEMPert, ALEX <ALEMPERT@nycsca.org>
Sent: Wednesday, February 10, 2016 9:36 AM
To: Haklar, James
Subject: RE: Air Sampling at 199M, Feb 12th 9 pm

See you tomorrow.

From: Haklar, James [mailto:Haklar.James@epa.gov]
Sent: Wednesday, February 10, 2016 9:27 AM
To: LEMPert, ALEX
Cc: O'CONNELL JR, JOHN; HOLDEN, ROSS; Gerdts, Edward
Subject: RE: Air Sampling at 199M, Feb 12th 9 pm

Alex,

Thank you for letting us know about the planned sampling event at P.S. 199M.

Sincerely,

Jim

From: LEMPert, ALEX [mailto:ALEMPERT@nycsca.org]
Sent: Tuesday, February 09, 2016 11:45 AM
To: Haklar, James <Haklar.James@epa.gov>
Cc: O'CONNELL JR, JOHN <JOCONNELLJR@nycsca.org>; HOLDEN, ROSS <RHOLDEN@nycsca.org>; Gerdts, Edward <EGerdts@trcsolutions.com>
Subject: Air Sampling at 199M, Feb 12th 9 pm

Jim:

As a reminder, SCA will be conducting heating season air sampling at PS 199M this coming Friday February 12th at 9 pm. This sampling event will be performed in accordance with the air sampling plan submitted on January 26. A copy of the sampling plan is attached for your convenience.

Please let me know if you have any questions.

Thanks.

A.

Haklar, James

From: LEMPert, ALEX <ALEMPERT@nycsca.org>
Sent: Friday, February 12, 2016 12:09 PM
To: 'Ross, Bruce W.'
Cc: BROWN, TRENTON A.; Gerdts, Edward; Sigona, Anthony; Haklar, James; O'CONNELL JR, JOHN; HOLDEN, ROSS
Subject: RE: Temperature readings in air sampling areas at 199M

Please proceed.

A.

From: Ross, Bruce W. [mailto:BWRoss@trcsolutions.com]
Sent: Friday, February 12, 2016 12:03 PM
To: LEMPert, ALEX
Cc: BROWN, TRENTON A.; Gerdts, Edward; Sigona, Anthony
Subject: Temperature readings in air sampling areas at 199M

Hi Alex,

As you had directed, TRC placed temperature data loggers in the locations of 199M that we will be performing PCB air sampling this evening. Temperatures were recorded overnight on Feb. 9 to 10th and then again on Feb. 10 to Feb. 11th.

The average temperatures were as follows:

- 70.5-71.1 degrees in classrooms, and;
- 70.7 to 73.5 degrees in common areas (gym and library).

The attached file provides additional information (by sampling location) on the temperature data. Note that the custodian confirmed that the belts on exhaust fans in the gym have been replaced.

Please confirm that the air sampling at 199M should proceed this evening as planned.

Thank you,

Bruce B. W. Ross

Project Manager

TRC Companies, Inc.

1430 Broadway, 10th Floor

New York, NY 10018

Phone (718) 752-5609

Cell (917) 510-7493

E-mail: bwross@trcsolutions.com

Please consider the environment before printing this email.

Haklar, James

From: Hazen, Robert
Sent: Thursday, March 03, 2016 11:15 AM
To: Schulz, Susan; Haklar, James
Cc: Shapiro, Naomi
Subject: FW: PCBs Follow-up
Attachments: 2016-03 Revisions to 2013-05 Pilot Study Summary Report (Preferred Citywide Remedy) - (# Legal 6459211).PDF

To all, FYI and review.

From: McCamphill, Amy (Law) [mailto:amccamph@law.nyc.gov]
Sent: Thursday, March 03, 2016 11:13 AM
To: Hazen, Robert <Hazen.Robert@epa.gov>
Cc: Meltzer, Hilary (Law) <hmeltzer@law.nyc.gov>; Shapiro, Naomi <Shapiro.Naomi@epa.gov>
Subject: RE: PCBs Follow-up

Good morning,

Attached is a mark-up of the Preferred Citywide Remedy updated to respond to EPA's comments on unit ventilators, BMPs, and soil.

We are also planning to make additional, non-substantive updates to the Preferred Citywide Remedy to reflect the ongoing progress of the PCB light ballast removal program and the most recent results of the Long-term Monitoring Program.

We are continuing our internal discussions of your notes from February 19 and will follow up with you on that shortly.

Thank you,

Amy McCamphill
Environmental Law Division
New York City Law Department
100 Church Street, Room 6-144
New York, NY 10007
tel: (212) 356-2317

From: Hazen, Robert [mailto:Hazen.Robert@epa.gov]
Sent: Thursday, March 03, 2016 10:33 AM
To: McCamphill, Amy (Law)
Cc: Meltzer, Hilary (Law); Shapiro, Naomi
Subject: PCBs Follow-up

Good morning: can you please advise us of an expected timetable for NYC responding to the technical notes for sampling I sent on February 19 as well as for the modified language NYC plans to provide relating to BMPs and soils. Thanks.

Haklar, James

From: Hazen, Robert
Sent: Friday, February 19, 2016 3:53 PM
To: Haklar, James; Schulz, Susan
Cc: Sawyer, William; Shapiro, Naomi
Subject: FW: Technical Notes re: Air Sampling

FYI, folks. We'll see what happens.

From: McCamphill, Amy (Law) [mailto:amccamph@law.nyc.gov]
Sent: Friday, February 19, 2016 3:35 PM
To: Hazen, Robert <Hazen.Robert@epa.gov>
Cc: Shapiro, Naomi <Shapiro.Naomi@epa.gov>; Meltzer, Hilary (Law) <hmeltzer@law.nyc.gov>
Subject: RE: Technical Notes re: Air Sampling

Good afternoon,

Thank you. We will follow up shortly.

Best,

Amy McCamphill
Environmental Law Division
New York City Law Department
100 Church Street, Room 6-144
New York, NY 10007
tel: (212) 356-2317

From: Hazen, Robert [mailto:Hazen.Robert@epa.gov]
Sent: Friday, February 19, 2016 9:47 AM
To: McCamphill, Amy (Law)
Cc: Shapiro, Naomi
Subject: Technical Notes re: Air Sampling

Good morning: as agreed follow up to our February 11 meeting, attached for consideration are technical notes prepared by EPA staff concerning the air sampling concept discussed at the meeting. We hope to hear back from you concerning the concept as soon as practicable, hopefully within a week. Please give Naomi or me a call if you have questions or wish to discuss.

Thanks.

Haklar, James

From: Hazen, Robert
Sent: Thursday, February 04, 2016 12:43 PM
To: Haklar, James
Cc: Shapiro, Naomi
Subject: FW: Draft Meeting Agenda EPA/NYC Feb 11

Jim, hi again: a prompt reply from NYC.. I suggest can put a final together and send it back to me. I'll forward it - - - or we can just advise her that we'll use their draft.

From: McCamphill, Amy (Law) [mailto:amccamph@law.nyc.gov]
Sent: Thursday, February 04, 2016 12:40 PM
To: Hazen, Robert <Hazen.Robert@epa.gov>
Cc: Shapiro, Naomi <Shapiro.Naomi@epa.gov>; Meltzer, Hilary (Law) <hmeltzer@law.nyc.gov>
Subject: RE: Draft Meeting Agenda EPA/NYC Feb 11

Good morning,

Below is our suggested agenda, which incorporates items from the draft you just sent.

We will not be sending a written comments in advance. We think it is important to better understand your December 2015 letter first, and we look forward to our discussion next week.

- Updates since last meeting
 - Light fixture replacement program—on track for December 2016 completion
 - Recent Pilot Study results—all schools below guidance levels
 - Status on carbon filtration units at P.S. 199
 - Recent EPA national guidance—consistent with NYC's proposed remedy
- EPA Region 2 December 2015 letter to SCA
 - Risk-based management of PCB waste and PCB remediation waste
 - BMPs
 - Soil evaluation, excavation and replacement
 - Unit ventilators
 - Additional studies
- Next steps

Sincerely,
Amy McCamphill

Amy McCamphill
Environmental Law Division
New York City Law Department
100 Church Street, Room 6-144
New York, NY 10007
tel: (212) 356-2317

From: Hazen, Robert [<mailto:Hazen.Robert@epa.gov>]
Sent: Thursday, February 04, 2016 12:02 PM
To: McCamphill, Amy (Law)
Cc: Shapiro, Naomi
Subject: Draft Meeting Agenda EPA/NYC Feb 11

Good morning:

Attached is a draft agenda for the meeting next Thursday, February 11.

Please advise if you wish additional items or changes to the format.

Also, will NYC have any written comments to share with us in advance of the meeting ?

Thanks.

Haklar, James

From: Hazen, Robert
Sent: Friday, February 19, 2016 9:48 AM
To: Haklar, James; Schulz, Susan
Subject: FW: Technical Notes re: Air Sampling
Attachments: Air Sampling at NYC Schools 2-19-16.docx

From: Hazen, Robert
Sent: Friday, February 19, 2016 9:47 AM
To: 'McCamphill, Amy (Law)' <amccamph@law.nyc.gov>
Cc: Shapiro, Naomi <Shapiro.Naomi@epa.gov>
Subject: Technical Notes re: Air Sampling

Good morning: as agreed follow up to our February 11 meeting, attached for consideration are technical notes prepared by EPA staff concerning the air sampling concept discussed at the meeting. We hope to hear back from you concerning the concept as soon as practicable, hopefully within a week. Please give Naomi or me a call if you have questions or wish to discuss.

Thanks.

February 19, 2016

Air Sampling at NYC Schools

Selection of Schools

- Sample 25 schools (outside of the five Pilot Study Schools) where PCBs are or were known to be present.
- Also sample the four schools identified by the City in its May 22, 2015 correspondence as being similar to P.S. 199M.
- The universe to select the 25 schools from should include those schools that had PCB lighting and schools where PCBs were found through either the City's Capital Improvement Program or through implementation of the BMPs.
- Select (prioritize) the 25 schools referenced above, based on the following factors:
 - the prior existence of PCB-containing lighting, found through lighting upgrades and ballast failure incidents;
 - the age of the building taking into account other information such as the presence of unit ventilators and if any renovations were done to any school building during the relevant time period between 1950 and 1978;
 - the grade levels served;
 - the continued presence of old yet intact caulk; and
 - the capacity (e.g., available air exchanges) and condition of the ventilation system.

Sampling

- Collect nine samples (excluding QA/QC samples) from representative primary and transitory spaces.
- Sample once during the summer break under worst-case conditions (e.g., windows and doors closed, ventilation off). Worst-case conditions are recommended since the objective is to determine whether PCBs are present (not to evaluate exposure at this point).
- The analytic results will be evaluated by EPA and the City. EPA and the City will have discussions regarding potential follow-up actions, if any.

Haklar, James

From: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Sent: Wednesday, November 18, 2015 4:21 PM
To: Haklar, James
Subject: K239 Unit ventilator
Attachments: IMG_0317.jpg; IMG_0315.jpg; IMG_0430.jpg; IMG_0427.jpg

Jim,

As per our discussion, the motor controller for a classroom unit ventilator failed/smoked and leaked in K239 (built 1937). A small stain was observed inside the unit's housing(photo 315). The stain was wipe tested and came back positive (The sample was 93 ug/cm²). We followed our re-occupancy protocol and cleaned the impacted piece of metal. After this was brought to my attention, I randomly inspected a couple of schools from different vintages pre '79, I found another building (K244) built in 1939 which was very similar to K239. You can see in pic 427 there is an oil filled capacitor inside of the motor control box in K244. The other buildings I looked at were built in 1928 & 1955. They did not utilize any form of motor controller.

Going forward if these units smoke we will follow our smoke/external leaking light ballasts re-occupancy protocol.

The DOE has approximately 120 buildings built between 1930 & 1939 with unit vents present
10 buildings built between 1940 & 1949 with unit vents present
123 buildings built between 1920 & 1929 with unit vents present

Photo 317 is the outside of the motor controller at K239. Photo 315 is the leak on the top of the metal shroud next to the filter clamp. Photo 430 is an overall shot of a unit at K244. Photo 427 is a picture of the inside of the motor controller from K244 (there is an oil filled capacitor on the left side of the pic).

Let me know if you have any questions

Regards,
Phil

CONTROL UNIT

TYPE

PC. NO.

VOLTS

LINE AMPS.

HEATER ELEMENT
AMPERE RATING

CYCLES PHASE

FOR USE WITH
HOLTZER-CABOT MOTORS
OF THESE RATINGS

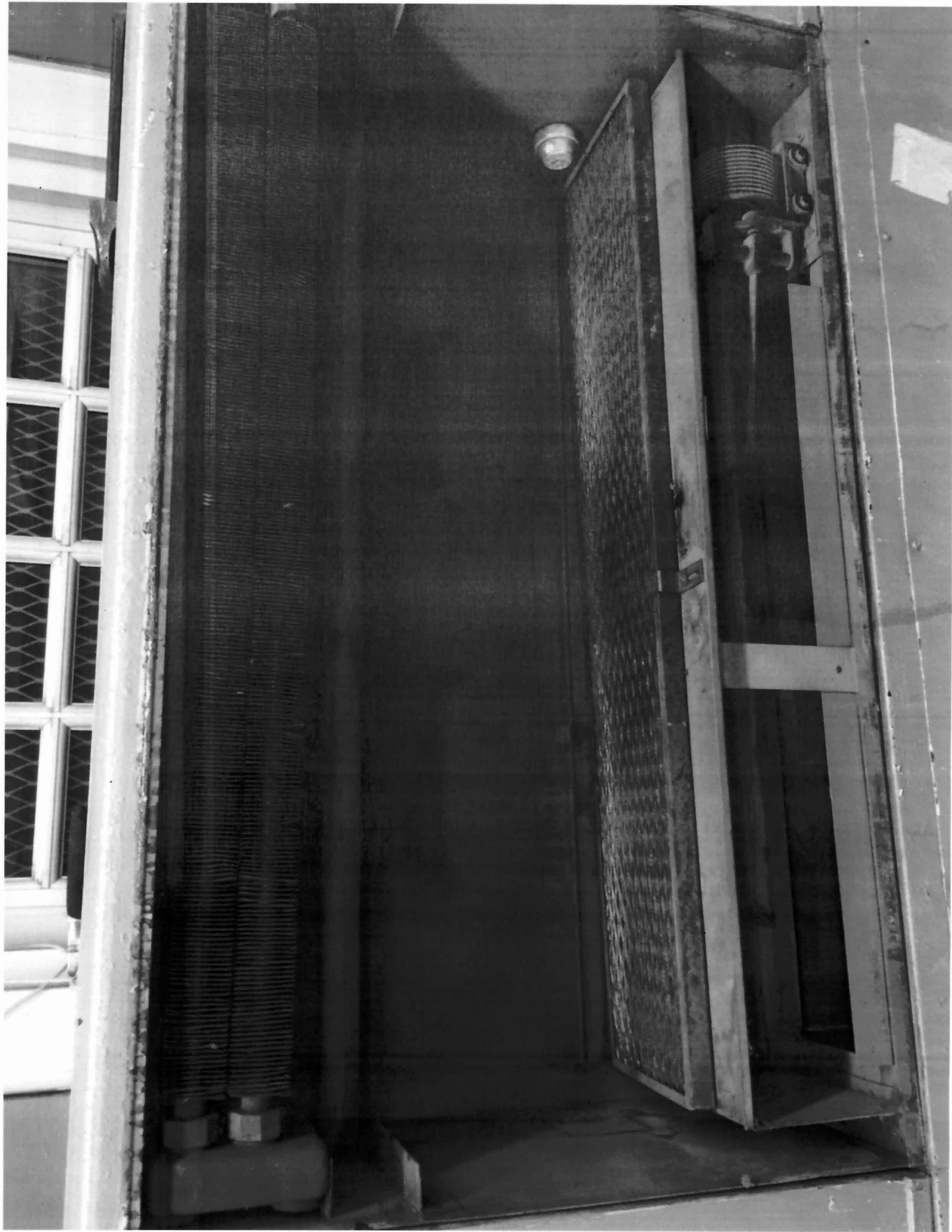
RPM HP

RPM HP

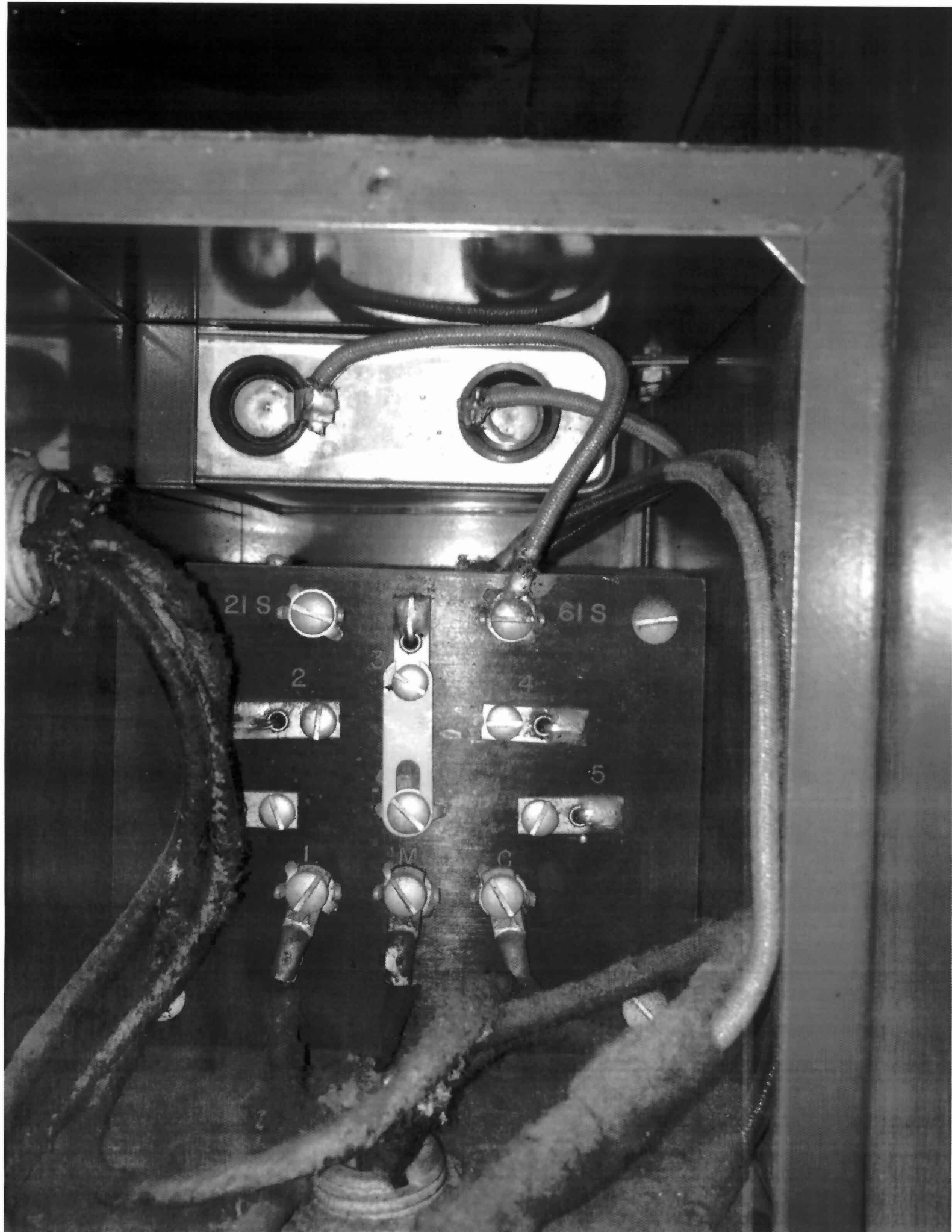
RPM HP

THE HOLTZER-CABOT
ELECTRIC CO.

BOSTON
MASSACHUSETTS
U.S.A.







Haklar, James

From: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Sent: Tuesday, December 15, 2015 9:02 AM
To: Haklar, James
Subject: RE: PCBs in Unit Ventilators

Hey Jim – I will make some time to give you a call around 11am. I hope that works
Phil

From: Haklar, James [mailto:Haklar.James@epa.gov]
Sent: Monday, December 14, 2015 1:27 PM
To: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Subject: PCBs in Unit Ventilators

Hi Phil,

Do you have any time tomorrow morning that we could talk about unit ventilators? It shouldn't take longer than about 10 minutes.

Thanks,

Jim

Haklar, James

From: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Sent: Tuesday, March 08, 2016 2:29 PM
To: Haklar, James
Subject: RE: Question for you
Attachments: IMG_0317.jpg; IMG_0427.jpg

Hi Jim – I did not see the capacitor myself. The only pic I have is attached. The leak reportedly came out of the control unit from the photo.

I did see the capacitor from K244 univent (attached photo). It is approximately the size of a liquor flask.

Regards/Phil

From: Haklar, James [mailto:Haklar.James@epa.gov]
Sent: Tuesday, March 08, 2016 11:13 AM
To: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Subject: Question for you

Hi Phil,

Remember that capacitor in the unit ventilator that leaked – do you recall how big the capacitor was - length, with, and height, in inches? The reason I am asking is I'm trying to figure out if the capacitor is considered a "small capacitor" under EPA's regs. It's just a question that came up this morning.

Thanks,

Jim

CONTROL UNIT

TYPE

PC. NO.

101072

VOLTS

208

LINE AMPS.

2.5

HEATER ELEMENT
AMPERE RATING

CYCLES

30~

PHASE

3

FOR USE WITH

HOLTZER-CABOT MOTORS
OF THESE RATINGS

RPM

500 SYN

HP

RPM

HP

RPM

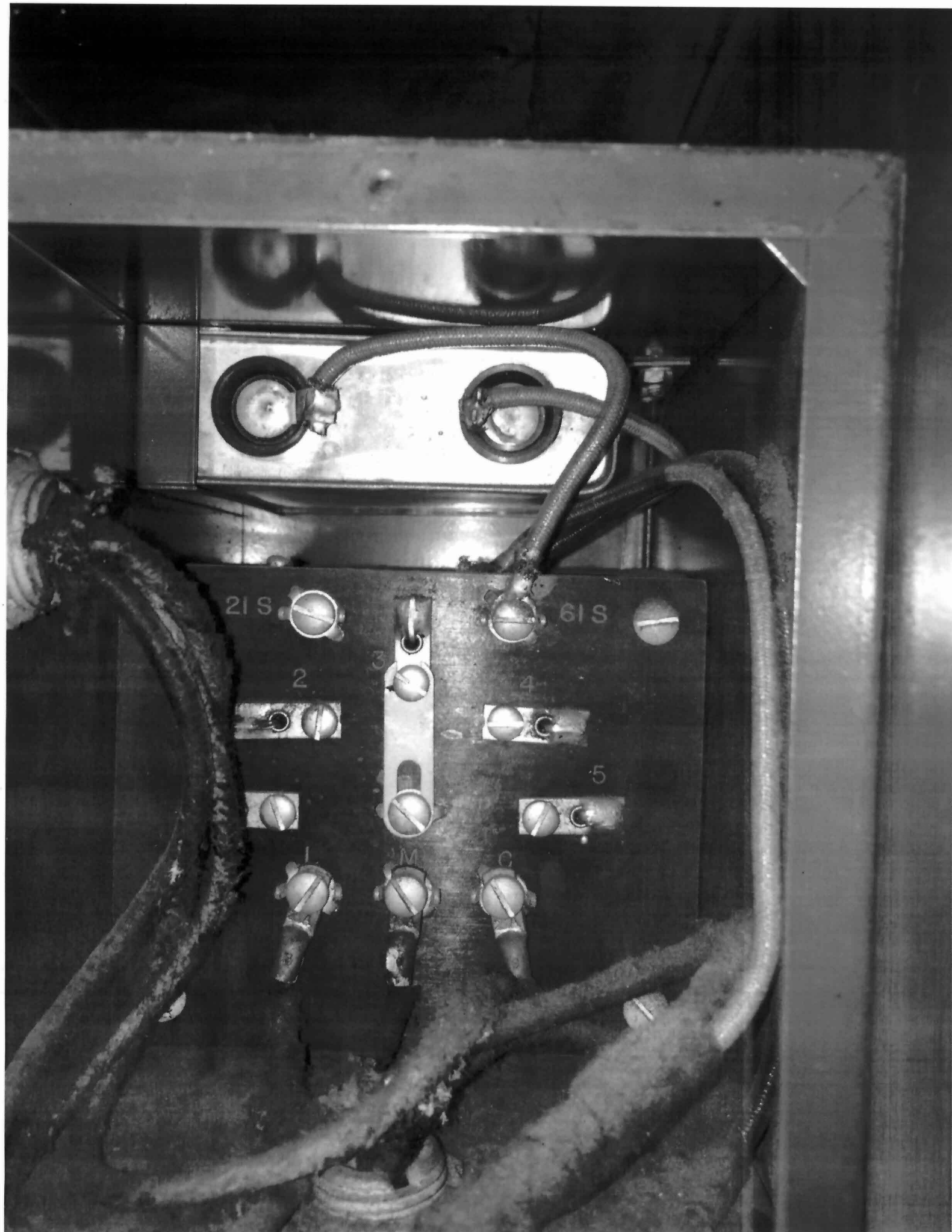
HP

THE HOLTZER-CABOT
ELECTRIC CO.

BOSTON

MASSACHUSETTS

U.S.A.



Haklar, James

From: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Sent: Thursday, March 24, 2016 10:45 AM
To: Haklar, James
Cc: Tisa, Kimberly
Subject: RE: Unit Ventilator Call

Hi Jim – 9:30 would probably be better since I have a 10:30 already scheduled. I can also do after 1pm. The majority are likely heating with a fresh air element, but some do heating/cooling as well.

Regards/Phil

From: Haklar, James [mailto:Haklar.James@epa.gov]
Sent: Wednesday, March 23, 2016 2:30 PM
To: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Cc: Tisa, Kimberly <Tisa.Kimberly@epa.gov>
Subject: Unit Ventilator Call

Hi Phil,

I hope you're doing well. At our last meeting we discussed setting up a call with you, myself, and my EPA Region 1 counterpart (Kim Tisa) to discuss what Region 1 found with their unit ventilators. Are you available next Wednesday (the 30th), say 10:00 am? Kim and I are available and if you're around we can call you. The only thing we'd like for you to know for the call is whether the City's unit ventilators are just heating units or combined heating/cooling.

Thanks,

Jim

Haklar, James

From: Haklar, James
Sent: Thursday, March 24, 2016 11:05 AM
To: 'Napolitano Philip'
Cc: Tisa, Kimberly; Maddaloni, Mark
Subject: RE: Unit Ventilator Call

O.K. let's make it 9:30 on Wednesday. Mark Maddaloni wants to listen in as well so let's use the following call-in #:

866-299-3188

Code:7323216768

Jim

From: Napolitano Philip [mailto:PNapolitano2@schools.nyc.gov]
Sent: Thursday, March 24, 2016 10:45 AM
To: Haklar, James <Haklar.James@epa.gov>
Cc: Tisa, Kimberly <Tisa.Kimberly@epa.gov>
Subject: RE: Unit Ventilator Call

Hi Jim – 9:30 would probably be better since I have a 10:30 already scheduled. I can also do after 1pm. The majority are likely heating with a fresh air element, but some do heating/cooling as well.

Regards/Phil

From: Haklar, James [mailto:Haklar.James@epa.gov]
Sent: Wednesday, March 23, 2016 2:30 PM
To: Napolitano Philip <PNapolitano2@schools.nyc.gov>
Cc: Tisa, Kimberly <Tisa.Kimberly@epa.gov>
Subject: Unit Ventilator Call

Hi Phil,

I hope you're doing well. At our last meeting we discussed setting up a call with you, myself, and my EPA Region 1 counterpart (Kim Tisa) to discuss what Region 1 found with their unit ventilators. Are you available next Wednesday (the 30th), say 10:00 am? Kim and I are available and if you're around we can call you. The only thing we'd like for you to know for the call is whether the City's unit ventilators are just heating units or combined heating/cooling.

Thanks,

Jim

